

FIG. I

CO2 EMISSION CREDIT TRADING

The diagram illustrates the flow of CO2 emission credits and gas between various stakeholders:

- Farms & Forests** and **The Agricultural Gas Company** are connected by **CO2 Transmission** (indicated by thick arrows).
- The Agricultural Gas Company** and **Natural Geological CO2 Reserves** are connected by **CO2 Transmission** (indicated by thick arrows).
- Natural Geological CO2 Reserves** and **Under Productive Arid Land** are connected by **CO2 Transmission** (indicated by thick arrows).
- Under Productive Arid Land** and **Water Consumers** are connected by **Water** (indicated by a thick arrow).
- Water Consumers** and **Government Grants** are connected by **Water Rights Resale** (indicated by double arrows).
- Government Grants** and **Bank Lending** are connected by **Financing** (indicated by double arrows).
- Bank Lending** and **Government Regulatory** are connected by **Regulatory Liason** (indicated by double arrows).
- Government Regulatory** and **CO2 Industrial Emission Sources** are connected by **CO2 Emission Credits** (indicated by thick arrows).
- CO2 Industrial Emission Sources** and **Ag. Gas Co.** are connected by **CO2 Gas Storage**, **CO2 Emission Consideration**, **CO2 Emission Trading**, **CO2 Rights & Reserves**, and **Cooperative Equity** (indicated by multiple arrows).
- Ag. Gas Co.** and **Under Productive Arid Land** are connected by **CO2 Emission Credits** (indicated by double arrows).
- Ag. Gas Co.** and **Water Consumers** are connected by **notariapsnco**, **Cooperative Equity**, and **Water Rights Resale** (indicated by multiple arrows).
- Ag. Gas Co.** and **Natural Geological CO2 Reserves** are connected by **Consideration**, **Cooperative Equity**, and **CO2 Rights & Reserves** (indicated by multiple arrows).
- Ag. Gas Co.** and **Farms & Forests** are connected by **Cooperative Equity**, **Monitoring & Measuring**, **Gas Control Software**, **CO2 Gas Distribution**, **Project Financing**, **Consideration**, and **Water Rights** (indicated by multiple arrows).

FIG. 2

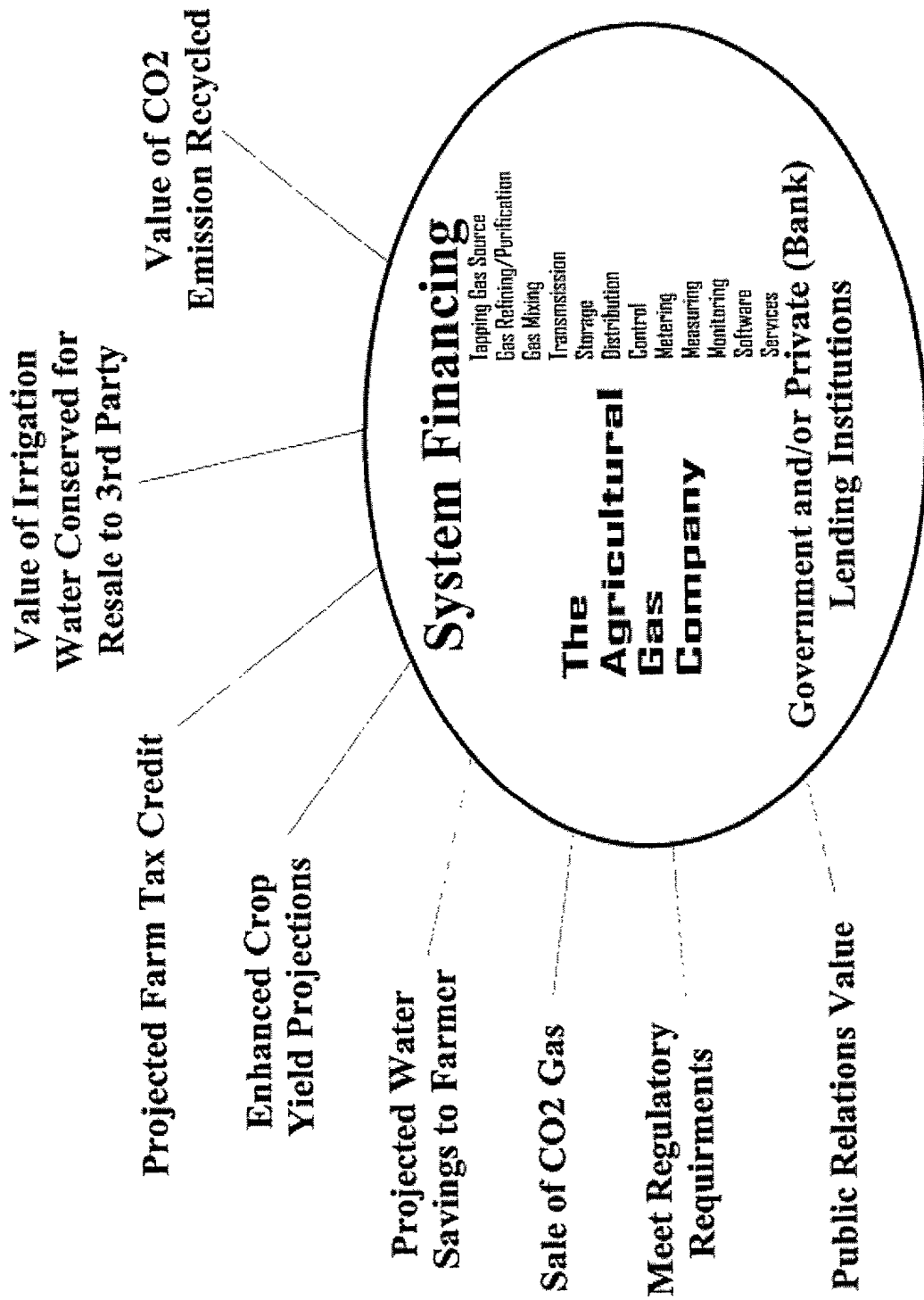


FIG. 3

FIG. 4A

**Naturally Occurring
Geological Deposits of
Carbon Dioxide Gas**

**Sale of Gas
for Agricultural
Enhancement**

**Increased Value/
Mineral Rights
of CO₂
Reserve**

**Increased
Land Value
through
Accelerated
Plant Metabolism/
Biological Crop
Productivity**

**Conserved Irrigation
Water through
Reduced Transpiration**

**Sale of Conserved
Irrigation
Water to a
Third Party**

FIG. 4A

INDUSTRIAL CO₂
SOURCES

EMISSION
CREDIT

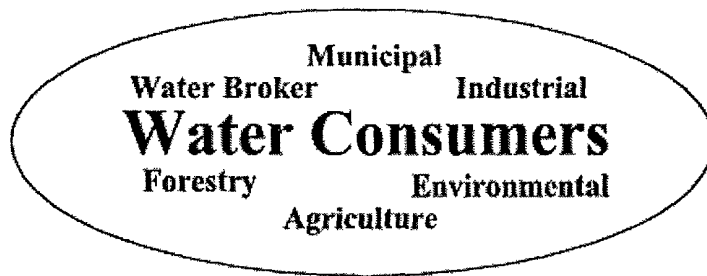
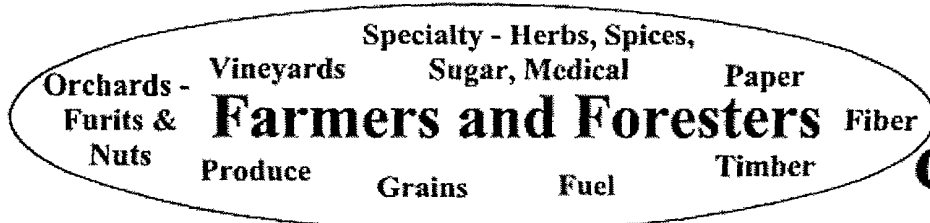
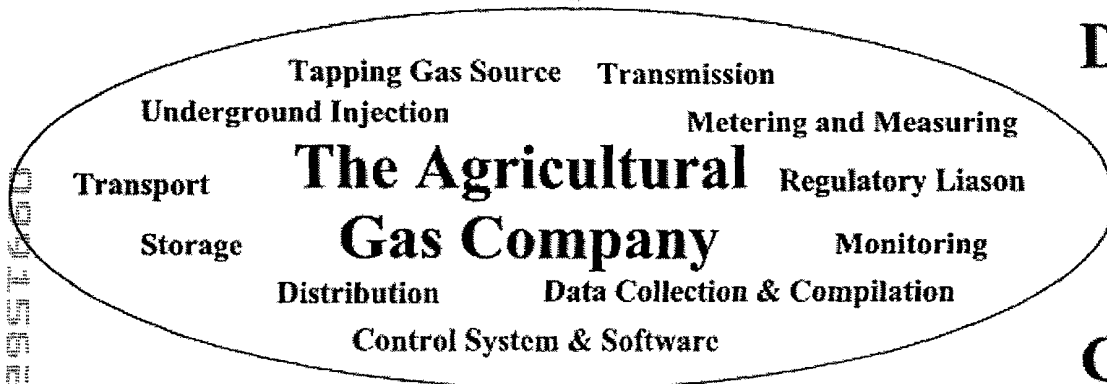
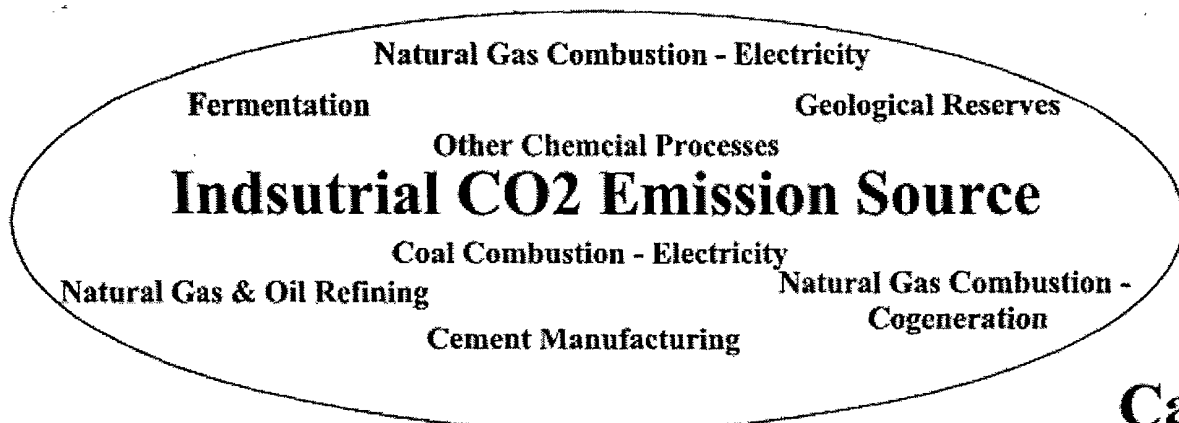
PUBLIC REASON
GOODWILL

Sale of Gas
for Agricultural
Enhancement

Conserved Irrigation
Water through
Reduced Transpiration

Sale of Conserved
Irrigation
Water to a
Third Party

F/G. 4B



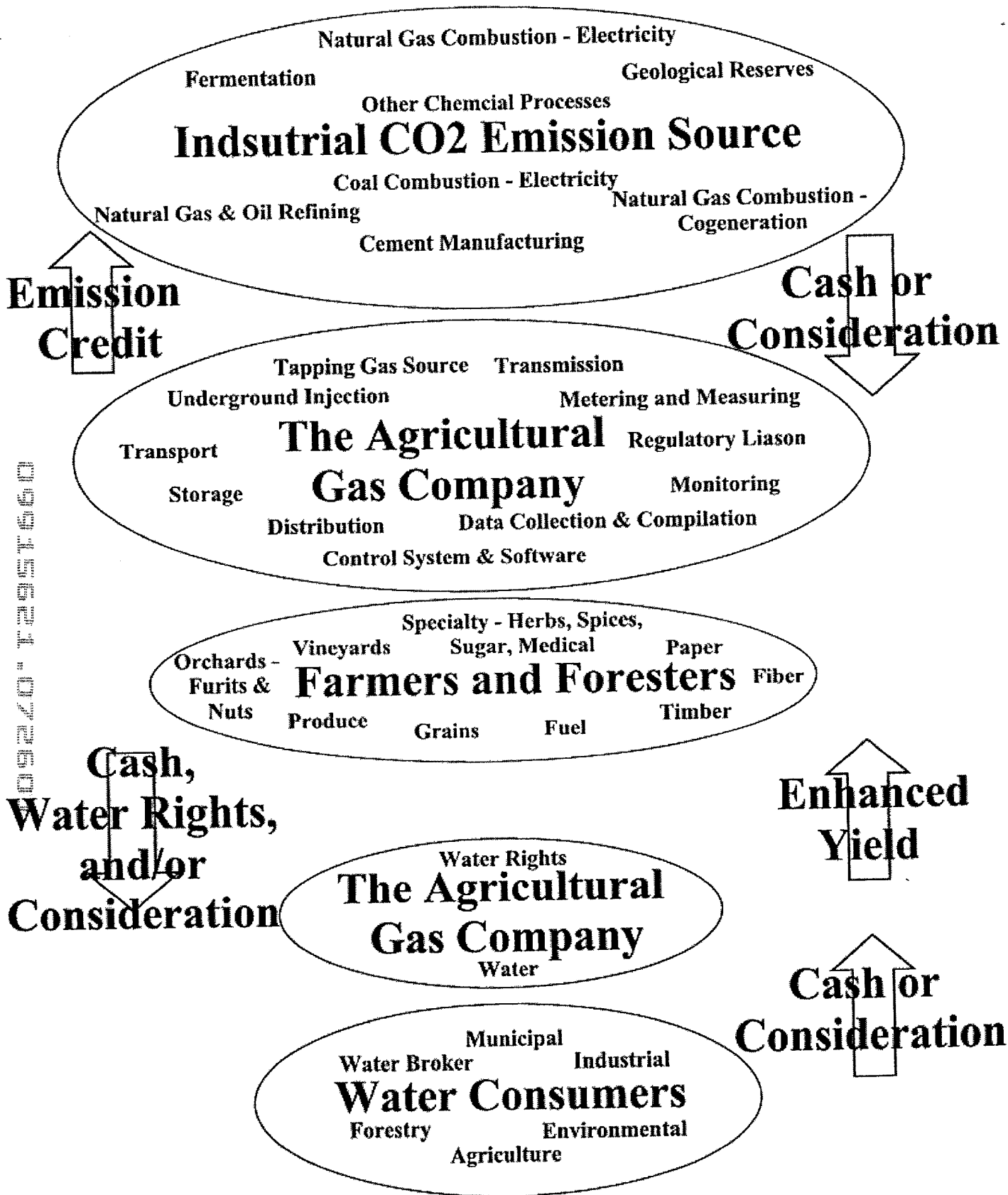
Carbon Dioxide

Carbon Dioxide

Conserved Irrigation Water

Conserved Irrigation Water

FIG. 5A



F/G. 5B